

Abstract of the Disclosure:

The laser-markable sheathing comprises a carbon-blackened inner PE layer with a soot proportion of  $2.5 \pm 0.5$  % by weight and an outer PE layer 0.05 to 0.2 mm thick. The outer PE layer  
5 completely absorbs the laser radiation ( $\lambda = 532$  nm) used for the marking, and the inner layer beneath it remains intact. A largely carbon-free, foamlike structure which greatly scatters incident light serves as an abrasion-proof marking. The sheathing is suitable for cable cores, fiber-optic cable  
10 strands, and the like.

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